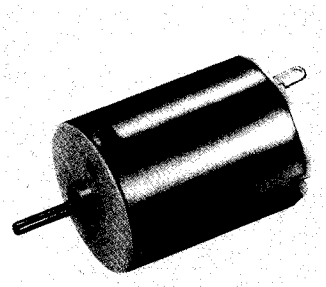
MABUCHI MOTOR RE-280RA/SA

OUTPUT: APPROX 0.8W~4.5W *Metal-brush motors*

Typical Applications / Toys and Models
- Motorized Toy
- Motorized Plastic Model

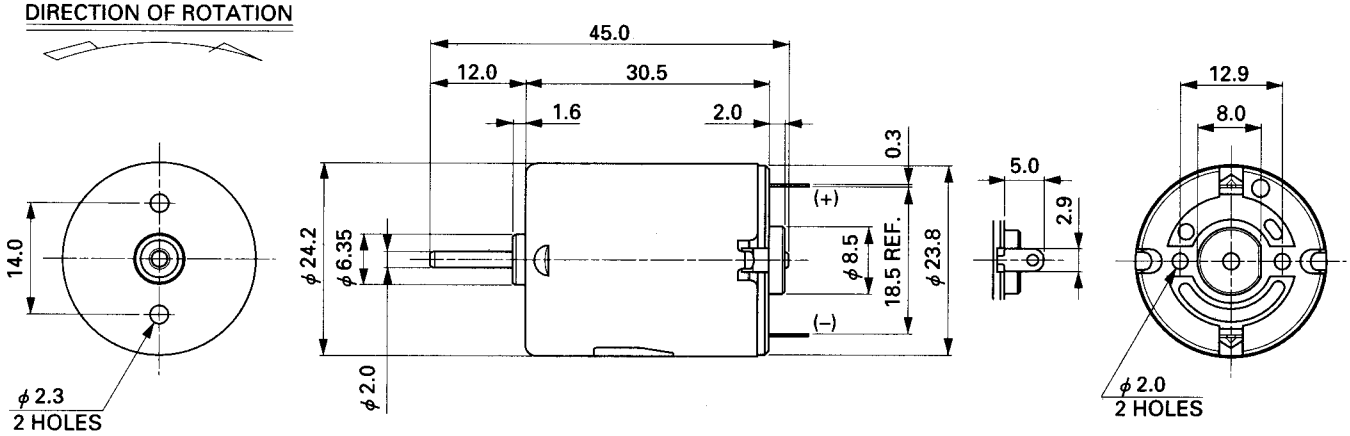
Household Appliances
- Massager/Vibrator



MODEL	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY					STALL		
	OPERATING RANGE	NOMINAL	SPEED	CURRENT	SPEED	CURRENT	TORQUE		OUTPUT	TORQUE		CURRENT
			r/min	A	r/min	A	g·cm	mN·m	W	g·cm	mN·m	A
RE-280RA-2865	1.5 ~ 3.0	1.5V CONSTANT	4600	0.12	3700	0.53	11	1.08	0.42	62	6.08	2.30
		3V CONSTANT	9200	0.16	7800	0.85	20	1.96	1.60	130	12.7	4.70
RE-280RA-20120	3 ~ 6	3V CONSTANT	5000	0.070	4100	0.33	13	1.27	0.55	75	7.35	1.52
		4.5V CONSTANT	7500	0.080	6300	0.42	18	1.76	1.16	113	11.1	2.21
RE-280SA-2865	1.5 ~ 4.5	3V CONSTANT	7100	0.16	5900	0.88	26	2.55	1.57	170	16.7	4.80
		4.5V CONSTANT	10400	0.19	8900	1.15	34	3.33	3.10	240	23.5	6.90
RE-280SA-20120	3 ~ 6	4.5V CONSTANT	5800	0.080	4900	0.43	23	2.25	1.16	148	14.5	2.34
		6V CONSTANT	7800	0.085	6600	0.51	27	2.65	1.83	192	18.8	3.00

UNIT: MILLIMETERS

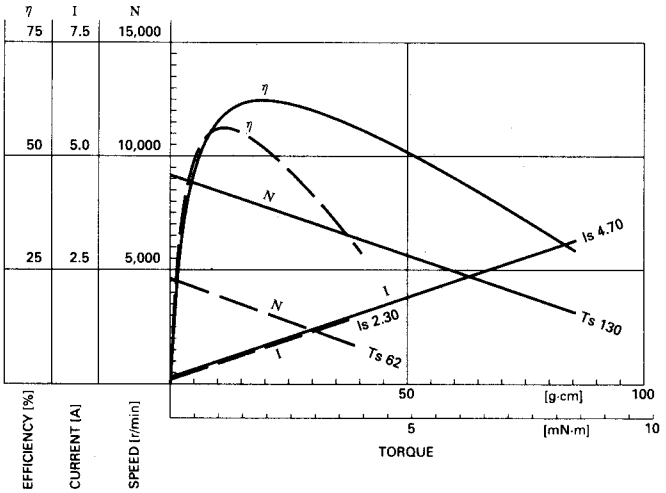
DIRECTION OF ROTATION



WEIGHT: 42g (APPROX)

RE-280RA-2865

---- 1.5V —— 3.0V



RE-280SA-2865

---- 3.0V —— 4.5V